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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Keren O. Perlmutter et al.

Serial No.: 10/035,337

Filed: January 4, 2002

Art Unit : Unknown

Examiner : Unknown

Title: REGISTRATION OF SEPARATIONS

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

IN THE SPECIFICATION

Kindly amend the specification as follows.

On page 13, between lines 15 and 16, insert the following paragraph:

A1
-- The patent or application file contains at least one drawing executed in color. Copies of this patent or application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.--

On page 36, begin a new paragraph at line 7 with the text "If there is not..." as follows:

MV
-- A similar implementation that reduces the number of candidate locations searched can be performed using edge information that is captured for both vertical and horizontal directions simultaneously (for example, the edge information is based on the magnitude of the edge strength). In such a case, the distortion value computation at (deltax_selected(i-1), deltax_selected(i-1)) for iteration i need not be calculated because it already has been calculated in iteration i-1, and the single edge-map information is used instead of the horizontal and vertical edge maps discussed above.